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U.S. DEPT. OF AGRICULTURE  
FEB 2 1970

Production of  
ICE CREAM  
and  
RELATED FROZEN PRODUCTS  
DECEMBER 1969

U.S. DEPARTMENT OF AGRICULTURE  
Statistical Reporting Service  
Crop Reporting Board  
Released January 21, 1970  
1300-A Main P.O. Bldg., Chicago, Ill. 60607

ICE CREAM PRODUCTION

Ice cream production in the United States in December, estimated at 54,065,000 gallons, was 9 percent larger than in December 1968, and was the highest output of record for the month, the Crop Reporting Board reports. From November to December, output increased an unseasonably 8 percent. This compares with a decrease of 5 percent between these months in 1968 and a drop of 10 percent at this time in 1967. Temperatures during December were normal or above in most of the western half of the country. They were below normal in most of the eastern half except an area from the Dakotas to the Northern Peninsula of Michigan, and Maine.

Compared with December 1968, ice cream production was more in all regions, although the gain was only fractional in the East North Central Region. Production was up 9 percent in the North Atlantic States and 14 percent in the West North Central. Output was 5 percent larger in the South Atlantic Region and 15 percent greater in the South Central. In the West, production was up 20 percent in the Mountain States and 17 percent in the Pacific. Increases in production in the three most important-producing states were: California, 20 percent; Pennsylvania, 16 percent; and New York, 4 percent. Output was more in all North Atlantic States.

From November to December, increases in production in all regions varied from 3 percent in the South Atlantic to 20 percent in the Pacific. Output jumped 9 percent in both the North Atlantic Region and the West North Central, and 12 percent in the Mountain States. Production advanced 4 percent in the East North Central Region and 7 percent in the South Central. Output jumped 27 percent in California, 12 percent in New York, and 9 percent in Pennsylvania. Production increased in all important-producing states except Wisconsin, Missouri, Virginia, North Carolina, Oklahoma, Idaho, Colorado, and Oregon.

Note: Annual production figures of ice cream by states, 1967, 1968, and 1969 are shown on page 5. Monthly production estimates of Water Ices are discontinued after December 1969.

PRODUCTION OF ICE CREAM, BY MONTHS, UNITED STATES 1969

| MONTH              | ENUMERATED       |         | ESTIMATED | CHANGE FROM: |      |
|--------------------|------------------|---------|-----------|--------------|------|
|                    | 1967             | 1968    | 1969      | 1967         | 1968 |
|                    | Thousand Gallons |         |           | Percent      |      |
| January .....      | 50,585           | 53,360  | 54,900    | + 9          | + 3  |
| February .....     | 50,902           | 56,202  | 54,055    | + 6          | - 4  |
| March .....        | 62,511           | 61,309  | 61,565    | - 2          | 0    |
| April .....        | 58,674           | 66,170  | 64,260    | + 10         | - 3  |
| May .....          | 68,055           | 69,352  | 68,505    | + 1          | - 1  |
| June .....         | 76,750           | 73,069  | 75,675    | - 1          | + 4  |
| July .....         | 74,418           | 81,262  | 80,125    | + 8          | - 1  |
| August .....       | 77,789           | 79,306  | 77,035    | - 1          | - 3  |
| September .....    | 64,543           | 67,209  | 69,415    | + 8          | + 3  |
| October .....      | 59,708           | 63,330  | 63,140    | + 6          | 0    |
| November .....     | 53,285           | 52,109  | 49,915    | - 6          | - 4  |
| December .....     | 48,189           | 49,723  | 54,065    | + 12         | + 9  |
| TWELVE MONTH TOTAL | 745,409          | 772,401 | 772,655   | + 4          | 0    |

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## PRODUCTION OF ICE CREAM, BY STATES, DECEMBER 1969

| STATE AND<br>GEOGRAPHIC<br>DIVISION | ENUMERATED       |              | ESTIMATED    |              | CHANGE FROM: |              |
|-------------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|
|                                     | DEC.<br>1967     | DEC.<br>1968 | NOV.<br>1969 | DEC.<br>1969 | DEC.<br>1968 | NOV.<br>1969 |
|                                     | Thousand Gallons |              |              |              | Percent      |              |
| Maine .....                         | 261              | 293          | 275          | 315          | + 8          | + 15         |
| Massachusetts .....                 | 2,456            | 2,672        | 2,650        | 2,715        | + 2          | + 2          |
| Connecticut .....                   | 875              | 857          | 890          | 990          | + 16         | + 11         |
| New York .....                      | 4,539            | 4,747        | 4,400        | 4,950        | + 4          | + 12         |
| New Jersey .....                    | 1,261            | 1,139        | 1,090        | 1,260        | + 11         | + 16         |
| Pennsylvania .....                  | 4,562            | 4,899        | 5,250        | 5,700        | + 16         | + 9          |
| Other N.A. States .                 | 197              | 216          | 285          | 255          | + 18         | - 11         |
| NO. ATLANTIC STATES                 | 14,151           | 14,823       | 14,840       | 16,185       | + 9          | + 9          |
| Ohio .....                          | 2,878            | 3,051        | 3,050        | 3,100        | + 2          | + 2          |
| Indiana .....                       | 1,805            | 1,660        | 1,580        | 1,630        | - 2          | + 3          |
| Illinois .....                      | 2,692            | 2,911        | 2,700        | 3,030        | + 4          | + 12         |
| Michigan .....                      | 2,406            | 2,457        | 2,310        | 2,370        | - 4          | + 3          |
| Wisconsin .....                     | 1,507            | 1,550        | 1,550        | 1,540        | - 1          | - 1          |
| E.N. CENTRAL STATES                 | 11,288           | 11,629       | 11,190       | 11,670       | 0            | + 4          |
| Minnesota .....                     | 1,674            | 1,798        | 2,050        | 2,250        | + 25         | + 10         |
| Iowa .....                          | 666              | 677          | 630          | 670          | - 1          | + 6          |
| Missouri .....                      | 981              | 1,081        | 1,150        | 1,120        | + 4          | - 3          |
| North Dakota .....                  | 187              | 208          | 205          | 310          | + 49         | + 51         |
| South Dakota .....                  | 101              | 104          | 40           | 50           | - 52         | + 25         |
| Nebraska .....                      | 703              | 670          | 675          | 740          | + 10         | + 10         |
| Kansas .....                        | 389              | 420          | 450          | 505          | + 20         | + 12         |
| W.N. CENT. STATES                   | 4,701            | 4,958        | 5,200        | 5,645        | + 14         | + 9          |
| District of Columbia                | 595              | 599          | 520          | 490          | - 18         | - 6          |
| Maryland .....                      | 925              | 1,034        | 850          | 1,030        | 0            | + 21         |
| Virginia .....                      | 569              | 579          | 675          | 655          | + 13         | - 3          |
| West Virginia .....                 | 405              | 245          | 180          | 220          | - 10         | + 22         |
| North Carolina .....                | 979              | 1,028        | 1,210        | 1,120        | + 9          | - 7          |
| Georgia .....                       | 515              | 498          | 645          | 720          | + 45         | + 12         |
| Florida .....                       | 1,448            | 1,373        | 1,350        | 1,385        | + 1          | + 3          |
| Other S.A. States .                 | 685              | 688          | 725          | 700          | + 2          | - 3          |
| SO. ATLANTIC STATES                 | 6,121            | 6,044        | 6,155        | 6,320        | + 5          | + 3          |
| Kentucky .....                      | 348              | 323          | 305          | 350          | + 8          | + 15         |
| Tennessee .....                     | 874              | 886          | 855          | 920          | + 4          | + 8          |
| Alabama .....                       | 468              | 516          | 600          | 620          | + 20         | + 3          |
| Mississippi .....                   | 183              | 192          | 230          | 255          | + 33         | + 11         |
| Arkansas .....                      | 164              | 164          | 120          | 130          | - 21         | + 8          |
| Louisiana .....                     | 518              | 546          | 570          | 655          | + 20         | + 15         |
| Oklahoma .....                      | 328              | 392          | 385          | 360          | - 8          | - 6          |
| Texas .....                         | 1,528            | 1,511        | 1,810        | 1,910        | + 26         | + 6          |
| SO. CENTRAL STATES                  | 4,411            | 4,530        | 4,875        | 5,200        | + 15         | + 7          |
| Montana .....                       | 128              | 130          | 100          | 115          | - 12         | + 15         |
| Idaho .....                         | 198              | 225          | 230          | 225          | 0            | - 2          |
| Colorado .....                      | 520              | 493          | 545          | 530          | + 8          | - 3          |
| Arizona .....                       | 256              | 291          | 335          | 540          | + 86         | + 61         |
| Utah .....                          | 341              | 286          | 260          | 285          | 0            | + 10         |
| Other Mt. States ..                 | 153              | 173          | 245          | 230          | + 33         | - 6          |
| MOUNTAIN STATES                     | 1,596            | 1,598        | 1,715        | 1,925        | + 20         | + 12         |
| Washington .....                    | 1,029            | 894          | 930          | 985          | + 10         | + 6          |
| Oregon .....                        | 365              | 423          | 465          | 400          | - 5          | - 14         |
| California .....                    | 4,380            | 4,651        | 4,380        | 5,570        | + 20         | + 27         |
| PACIFIC STATES                      | 5,774            | 5,968        | 5,775        | 6,955        | + 17         | + 20         |
| UNITED STATES 1/                    | 48,189           | 49,723       | 49,915       | 54,065       | + 9          | + 8          |

1/Includes Alaska and Hawaii.



ICE MILK PRODUCTION

Ice milk production in the United States in December is estimated at 14,660,000 gallons, the Crop Reporting Board reports. This is 14 percent larger than in December 1968 and 22 percent greater than in December 1967. Total production in 1969 was up 2 percent from 1968, and 6 percent from 1967.

From November to December, an advance of 1 percent contrasts with decreases of 8 percent between these months in 1968 and 15 percent in 1967. Production declined in the North Atlantic and the South Central Regions, but increased in the other regions.

Compared with December 1968, increases were shown in all regions. These were sharp in the North Atlantic Region, the East North Central, and the West.

PRODUCTION OF ICE MILK, BY MONTHS, UNITED STATES 1969

| MONTH              | ENUMERATED       |         | ESTIMATED | CHANGE FROM: |       |
|--------------------|------------------|---------|-----------|--------------|-------|
|                    | 1967             | 1968    | 1969      | 1967         | 1968  |
|                    | Thousand Gallons |         |           | Percent      |       |
| January .....      | 12,512           | 13,192  | 14,225    | + 14         | + 8   |
| February .....     | 13,752           | 14,980  | 14,400    | + 5          | - 4   |
| March .....        | 18,402           | 18,740  | 19,120    | + 4          | + 2   |
| April .....        | 20,725           | 22,896  | 22,875    | + 10         | 0     |
| May .....          | 25,687           | 26,404  | 28,055    | + 9          | + 6   |
| June .....         | 30,038           | 29,803  | 29,240    | - 3          | - 2   |
| July .....         | 30,701           | 33,169  | 33,030    | + 8          | 0     |
| August .....       | 30,390           | 31,215  | 31,175    | + 3          | 0     |
| September .....    | 22,209           | 22,975  | 23,450    | + 6          | + 2   |
| October .....      | 18,144           | 19,131  | 20,035    | + 10         | + 5   |
| November .....     | 14,179           | 13,957  | 1/ 14,563 | 1/+ 3        | 1/+ 4 |
| December .....     | 12,061           | 12,906  | 14,660    | + 22         | + 14  |
| TWELVE MONTH TOTAL | 248,800          | 259,368 | 264,828   | + 6          | + 2   |

1/Revised for late reports.

SHERBET PRODUCTION

December production of sherbet in the United States was estimated at 2,730,000 gallons, 7 percent larger than in December, 1968, and a record for the month. Total output for 1969 was 1 percent more than in 1968.

Output increased 3 percent from November to December in 1969. This contrasts with a decrease of 2 percent between these months in 1968 and a drop of 8 percent in 1967. Sharp advances in the East North Central Region and the Pacific, along with a moderate gain in the South Atlantic, outweighed declines in all remaining regions.

Compared with December 1968, production was less in the North Atlantic Region, but more in all remaining regions.

PRODUCTION OF SHERBET, BY MONTHS, UNITED STATES 1969

| MONTH              | ENUMERATED       |        | ESTIMATED | CHANGE FROM: |      |
|--------------------|------------------|--------|-----------|--------------|------|
|                    | 1967             | 1968   | 1969      | 1967         | 1968 |
|                    | Thousand Gallons |        |           | Percent      |      |
| January .....      | 2,652            | 2,869  | 3,000     | + 13         | + 5  |
| February .....     | 2,635            | 3,083  | 2,945     | + 12         | - 4  |
| March .....        | 3,660            | 3,576  | 3,605     | - 2          | + 1  |
| April .....        | 3,836            | 4,359  | 4,420     | + 15         | + 1  |
| May .....          | 4,672            | 4,836  | 4,880     | + 4          | + 1  |
| June .....         | 5,803            | 5,603  | 5,790     | 0            | + 3  |
| July .....         | 5,550            | 6,340  | 6,145     | + 11         | - 3  |
| August .....       | 5,266            | 5,703  | 5,425     | + 3          | - 5  |
| September .....    | 3,677            | 3,922  | 4,160     | + 13         | + 6  |
| October .....      | 3,151            | 3,450  | 3,420     | + 9          | - 1  |
| November .....     | 2,645            | 2,621  | 2,650     | 0            | + 1  |
| December .....     | 2,446            | 2,562  | 2,730     | + 12         | + 7  |
| TWELVE MONTH TOTAL | 45,993           | 48,924 | 49,170    | + 7          | + 1  |

"MELLORINE-TYPE" FROZEN DESSERTS PRODUCTION

U.S. production of Mellorine and other frozen desserts made with fats and oils other than milkfat in December was estimated at 3,110,000 gallons. This was 6 percent larger than in December 1968 and 10 percent greater than in 1967, and was a record for the month. Total production during 1969 was off 4 percent from 1968, and 1 percent from 1967.

From November to December, output gained 9 percent. This contrasts with declines between these months of 11 percent in 1968 and 14 percent in 1967. Decreases occurred in Arkansas, Louisiana, and Illinois, while unchanged production was noted in Alabama and Arizona. All other Mellorine-producing states had increases.

Compared with December 1968, increases were shown in all producing states except Illinois, Missouri, Arkansas, and Oregon.

PRODUCTION OF "MELLORINE-TYPE" FROZEN DESSERTS, BY MONTHS, UNITED STATES 1969

| MONTH              | ENUMERATED       |        | ESTIMATED | CHANGE FROM: |      |
|--------------------|------------------|--------|-----------|--------------|------|
|                    | 1967             | 1968   | 1969      | 1967         | 1968 |
|                    | Thousand Gallons |        |           | Percent      |      |
| January .....      | 3,313            | 3,562  | 3,760     | + 13         | + 6  |
| February .....     | 3,585            | 3,947  | 3,580     | 0            | - 9  |
| March .....        | 4,592            | 4,458  | 4,060     | - 12         | - 9  |
| April .....        | 4,401            | 4,934  | 4,710     | + 7          | - 5  |
| May .....          | 5,223            | 5,348  | 4,905     | - 6          | - 8  |
| June .....         | 5,782            | 5,747  | 5,365     | - 7          | - 7  |
| July .....         | 5,711            | 6,171  | 6,000     | + 5          | - 3  |
| August .....       | 5,942            | 6,030  | 5,940     | 0            | - 1  |
| September .....    | 4,728            | 4,804  | 4,955     | + 5          | + 3  |
| October .....      | 4,269            | 4,481  | 4,100     | - 4          | - 9  |
| November .....     | 3,302            | 3,304  | 2,865     | - 13         | - 13 |
| December .....     | 2,835            | 2,946  | 3,110     | + 10         | + 6  |
| TWELVE MONTH TOTAL | 53,683           | 55,732 | 53,350    | - 1          | - 4  |

WATER ICE PRODUCTION

Production of water ices in the United States during December, of 1,235,000 gallons, was up 12 percent from December 1968. Aggregate output in 1969 was fractionally less than in 1968, but 7 percent larger than in 1967.

Output dropped 7 percent from November to December, compared with 14 percent at this time in 1968 and 22 percent in 1967. Sharp seasonal declines occurred in all regions except the West, where a gain was shown.

Production decreased sharply from December of last year in the South Atlantic Region. All other regions showed sharp increases except the West North Central, where output was only slightly more.

PRODUCTION OF WATER ICES, BY MONTHS, UNITED STATES 1969

| MONTH              | ENUMERATED       |        | ESTIMATED | CHANGE FROM: |      |
|--------------------|------------------|--------|-----------|--------------|------|
|                    | 1967             | 1968   | 1969      | 1967         | 1968 |
|                    | Thousand Gallons |        |           | Percent      |      |
| January .....      | 1,424            | 1,462  | 1,525     | + 7          | + 4  |
| February .....     | 1,925            | 2,056  | 1,970     | + 2          | - 4  |
| March .....        | 3,114            | 3,274  | 3,165     | + 2          | - 3  |
| April .....        | 4,174            | 4,823  | 4,465     | + 7          | - 7  |
| May .....          | 5,148            | 5,833  | 5,740     | + 11         | - 2  |
| June .....         | 6,992            | 6,881  | 6,845     | - 2          | - 1  |
| July .....         | 6,711            | 7,336  | 7,150     | + 7          | - 3  |
| August .....       | 5,598            | 5,940  | 5,890     | + 5          | - 1  |
| September .....    | 3,004            | 3,199  | 3,545     | + 18         | + 11 |
| October .....      | 1,950            | 2,104  | 2,375     | + 22         | + 13 |
| November .....     | 1,270            | 1,274  | 1,335     | + 5          | + 5  |
| December .....     | 988              | 1,099  | 1,235     | + 25         | + 12 |
| TWELVE MONTH TOTAL | 42,298           | 45,281 | 45,240    | + 7          | 0    |

## ANNUAL PRODUCTION OF ICE CREAM, BY STATES, 1967, 1968, and 1969

| STATE AND<br>GEOGRAPHIC<br>DIVISION | ENUMERATED       |         | ESTIMATED | PERCENT CHANGE FROM: |      |
|-------------------------------------|------------------|---------|-----------|----------------------|------|
|                                     | 1967             | 1968    | 1969      | 1967                 | 1968 |
|                                     | Thousand Gallons |         |           | Percent              |      |
| Maine .....                         | 3,757            | 4,106   | 4,400     | + 17                 | + 7  |
| Massachusetts .....                 | 37,144           | 40,173  | 40,375    | + 9                  | + 1  |
| Connecticut .....                   | 11,534           | 12,131  | 13,180    | + 14                 | + 9  |
| New York .....                      | 74,937           | 75,762  | 74,100    | - 1                  | - 2  |
| New Jersey .....                    | 21,400           | 21,830  | 19,270    | - 10                 | - 12 |
| Pennsylvania .....                  | 69,413           | 72,764  | 75,610    | + 9                  | + 4  |
| Other N.A. States ..                | 3,559            | 4,040   | 3,940     | + 11                 | - 2  |
| NO. ATLANTIC STATES                 | 221,744          | 230,806 | 230,875   | + 4                  | 0    |
| Ohio .....                          | 44,956           | 46,889  | 47,000    | + 5                  | 0    |
| Indiana .....                       | 26,822           | 26,581  | 25,235    | - 6                  | - 5  |
| Illinois .....                      | 41,029           | 43,534  | 42,965    | + 5                  | - 1  |
| Michigan .....                      | 33,752           | 36,527  | 34,825    | + 3                  | - 5  |
| Wisconsin .....                     | 21,893           | 22,225  | 22,030    | + 1                  | - 1  |
| E. N. CENTRAL STATES                | 168,452          | 175,756 | 172,055   | + 2                  | - 2  |
| Minnesota .....                     | 24,002           | 25,277  | 28,030    | + 17                 | + 11 |
| Iowa .....                          | 9,838            | 10,095  | 10,030    | + 2                  | - 1  |
| Missouri .....                      | 15,907           | 16,454  | 16,245    | + 2                  | - 1  |
| North Dakota .....                  | 2,836            | 2,911   | 3,110     | + 10                 | + 7  |
| South Dakota .....                  | 1,593            | 1,518   | 1,185     | - 26                 | - 22 |
| Nebraska .....                      | 10,400           | 10,111  | 10,305    | - 1                  | + 2  |
| Kansas .....                        | 5,914            | 6,668   | 6,520     | + 10                 | - 2  |
| WEST NO. CENT. STATES               | 70,490           | 73,034  | 75,425    | + 7                  | + 3  |
| District of Columbia                | 7,397            | 8,295   | 7,640     | + 3                  | - 8  |
| Maryland .....                      | 14,052           | 14,917  | 15,160    | + 8                  | + 2  |
| Virginia .....                      | 10,479           | 9,810   | 10,005    | - 5                  | + 2  |
| West Virginia .....                 | 5,618            | 3,724   | 3,280     | - 42                 | - 12 |
| North Carolina .....                | 17,563           | 18,224  | 18,115    | + 3                  | - 1  |
| Georgia .....                       | 9,127            | 9,316   | 9,530     | + 4                  | + 2  |
| Florida .....                       | 18,641           | 20,660  | 20,575    | + 10                 | 0    |
| Other S.A. States ..                | 10,754           | 10,437  | 7,880     | - 27                 | - 24 |
| SO. ATLANTIC STATES                 | 93,631           | 95,383  | 92,185    | - 2                  | - 3  |
| Kentucky .....                      | 5,654            | 5,788   | 5,385     | - 5                  | - 7  |
| Tennessee .....                     | 14,678           | 15,318  | 14,835    | + 1                  | - 3  |
| Alabama .....                       | 8,034            | 9,242   | 9,905     | + 23                 | + 7  |
| Mississippi .....                   | 3,523            | 3,787   | 3,905     | + 11                 | + 3  |
| Arkansas .....                      | 3,099            | 2,952   | 2,680     | - 14                 | - 9  |
| Louisiana .....                     | 8,460            | 9,062   | 9,805     | + 16                 | + 8  |
| Oklahoma .....                      | 5,848            | 6,156   | 6,545     | + 12                 | + 6  |
| Texas .....                         | 26,948           | 27,788  | 29,860    | + 11                 | + 7  |
| SO. CENTRAL STATES                  | 76,244           | 80,093  | 82,920    | + 9                  | + 4  |
| Montana .....                       | 2,124            | 2,012   | 1,865     | - 12                 | - 7  |
| Idaho .....                         | 3,226            | 3,408   | 3,520     | + 9                  | + 3  |
| Colorado .....                      | 7,761            | 7,573   | 7,365     | - 5                  | - 3  |
| Arizona .....                       | 4,232            | 4,288   | 5,370     | + 27                 | + 25 |
| Utah .....                          | 4,520            | 4,569   | 4,425     | - 2                  | - 3  |
| Other Mt. States ...                | 2,636            | 2,826   | 3,380     | + 28                 | + 20 |
| MOUNTAIN STATES                     | 24,499           | 24,676  | 25,925    | + 6                  | + 5  |
| Washington .....                    | 13,661           | 13,816  | 14,430    | + 6                  | + 4  |
| Oregon .....                        | 6,693            | 6,700   | 6,615     | - 1                  | - 1  |
| California .....                    | 67,651           | 69,806  | 69,910    | + 3                  | 0    |
| PACIFIC STATES                      | 88,005           | 90,322  | 90,955    | + 3                  | + 1  |
| UNITED STATES 1/                    | 745,409          | 772,401 | 772,655   | + 4                  | 0    |

1/Includes Alaska and Hawaii.



